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Product datasheet for RC205334L4V

PIGN (NM_176787) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PIGN (NM_176787) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PIGN
Synonyms:	MCAHS; MCAHS1; MCD4; MDC4; PIG-N
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_176787
ORF Size:	2793 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC205334).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_176787.3
RefSeq Size:	4893 bp
RefSeq ORF:	2796 bp
Locus ID:	23556
UniProt ID:	O95427
Cytogenetics:	18q21.33
Protein Families:	Transmembrane
Protein Pathways:	Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

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MW: 105.8 kDa

Gene Summary: This gene encodes a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This protein is expressed in the endoplasmic reticulum and transfers phosphoethanolamine (EtNP) to the first mannose of the GPI anchor. Two alternatively spliced variants, which encode an identical isoform, have been reported. [provided by RefSeq, Jul 2008]